



# Bond-It®

## Enamel/Dentin Bonding System

Pentron Clinical *Bond-It System* is a 4th generation, total etch bonding system. The *Bond-It System* provides a bond strength of 29.4 MPa\* and virtually eliminates post-operative sensitivity. The kit includes 2 primers which create a dentin hybrid zone, phosphoric acid etchants in 10% and 37% strengths, a light-cure resin/adhesive and a dual-cure activator for self cure application. The bonding system's familiar technique and chemistry assures the ideal surface to which any restorative material may be bonded to direct or indirect composite, porcelain, metal and amalgam alloy.

## The Bond-It® Total-Etch Bonding System

**Etchants:** The Bond-It Bonding System Kit comes with 2 etchants for different etching techniques on prepared enamel and dentin (10% and 37% phosphoric acid).

**Primers A & B:** These primers condition the dentin or enamel after etching and create an ideal surface for the unfilled resin to be applied.

**Resin Light-Cure:** This unfilled resin is painted onto the etched and primed dentin and enamel and then light-cured to completely bond and seal the prepared tooth surfaces.

**Dual-Cure Activator:** Mix with the Resin Light-Cure when self-curing is required, i.e. amalgam bonding, metal cementation, etc.

### Featured Benefits

- Bonds to dentin with a strengths of 29.4 MPa\*
- Virtually eliminates post-operative sensitivity
- Familiar, easy to use, reliable system
- Proven technique over years of clinical use
- Ideal for bonding under amalgam



# Bond-It<sup>®</sup>

## Enamel/Dentin Bonding System

### Physical Properties

<b>Bond Strength (MPa):</b>	
Moist Dentin	29.4
Moist Enamel	27.0
Lute-It <sup>®</sup> Dual-cure Cement:	36.8 (12.15)
Rexillum III (Non-precious metal):	28.0 (4.8)
Naturelle (Semi-precious metal):	20.9 (4.2)
Rx C (Gold-precious metal):	18.0 (4.1)

### Ordering Information:

#### Bond-It<sup>®</sup> Bonding System Kit

REF N01

- 1 – 6ml bottle Primer A
- 1 – 6ml bottle Primer B
- 1 – 6ml bottle Resin Light-Cure
- 1 – 3ml bottle Resin Dual-Cure Activator
- 1 – 3ml syringe 10% Phosphoric Acid Etch Gel
- 1 – 3ml syringe 37% Phosphoric Acid Etch Gel
- 2 – pkgs. (10 each) 22 gauge Bent Needle Tip
- Instructions

#### Refills

1 – 6ml bottle Primer A	REF N01A
1 – 6ml bottle Primer B	REF N01B
1 – 6ml bottle each: Primer A and B	REF N01C
1 – 6ml bottle Resin Light-Cure	REF N01D
1 – 3ml bottle Dual-Cure Activator	REF N01E
1 – 6ml Resin Light-Cure / 1 – 3ml Dual-Cure Activator	REF N01F
2 – 3ml syringe 10% Phosphoric Acid Etch Gel	REF N01G
2 – 3ml syringe 37% Phosphoric Acid Etch Gel	REF N01H

For more information on our entire line of innovative dental products visit us at  
**www.pentron.com** or call us at **1.800.551.0283**

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Bond-1<sup>®</sup> | Nano-Bond<sup>®</sup> | Bond-1<sup>®</sup> SF | Bond-It<sup>®</sup> Adhesives Impression Crown & Bridge Restoratives

\* Data courtesy of Dr. John Powers, available upon request. Subject to change or cancellation without notice. Copyright © 2009 Pentron Clinical. All rights reserved.  
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